

FOR OFFICE USE ONLY:

Version # _____

APP # 700138

A. List of Restoration Activities

The Front Country District of the San Bernardino National Forest has identified 15 miles of unauthorized routes in immediate need of restoration. The area of concern is in West Cajon Valley and Circle Mountain due south and east of Wrightwood (and Southwest of Baldy Mesa). This area shares a boundary with the Angeles National Forest, which is concurrently addressing OHV trespass problems (on their district boundary) in the area. This project would compliment management efforts on the ANF as unauthorized routes interconnect in some locations. Many of the unauthorized trails proposed for restoration in this project are located on steep grades and fall lines, where the soil is highly erosive. Unauthorized use of these routes is causing unacceptable sediment loss and habitat damage. Approximately 90% of the proposed project also lies within the Circle Mountain Inventoried Roadless Area (IRA). Water sources for wildlife are limited to one existing spring and its associated meadow which is currently being heavily impacted by unauthorized use.

The Forest is also partnering with Caltrans outside of the IRA, to install an underpass for wildlife to link habitats on both sides of Hwy 138 for large mammal passage. Restoration of the unauthorized routes is necessary to ensure success of the Hwy 138 wildlife passage, as it will restore the existing wildlife travel corridor and prevent additional habitat fragmentation.

Four Forest Service sensitive wildlife species are known to occur within the project area and there is potential for two endangered, twelve sensitive, and forty-two SBNF watch list species to also occur. Flora found in this habitat includes fifteen Forest Service sensitive species and six SBNF watch list species.

This project will provide the staff and materials needed to eliminate vehicle access and to restore unauthorized trails where they originate from private property and existing designated routes. The project will implement a combination of ripping, chunking, seeding, planting, and utilization of adjacent native grass and willow plugs to restore up to 15 miles of unauthorized routes. Equipment will be rented and used by Forest staff to avoid high contract fees. The San Bernardino National Forest Association will provide several volunteers certified to use smaller trail equipment such as the SWECO. Due to the proximity of a wildlife drinker, several wildlife interest groups such as Quail Unlimited and The California Deer Association have expressed interest in volunteering with us in this restoration effort.

Restoration activities to be conducted in the IRA will be consistent with the 2001 Roadless Rule. On April 14, 2009, the Forest began working collaboratively with the Regional Office and the State of California Resources Agency to develop appropriate restoration strategies for the area, per Regional Forester's letter of direction dated November, 2007. The State confirmed the appropriateness of the project to the Forest Service Regional Office (letter dated April 21, 2009).

B. How the Proposed Project Relates to OHV Recreation

This project will protect TES and other special status species and habitats occurring in close proximity to legally designated roads and trails. Unauthorized OHV use stemming from these designated routes is currently causing unacceptable impacts to known TES species habitat and one potentially eligible archaeological site. The majority of these impacts are occurring within a designated Inventoried Roadless Area (IRA) and in close proximity to the San Andreas Special Interest Area. Regional Forester direction, in a letter dated November 28, 2007, in regards to Roadless Area Management Direction, states, "Roads that cannot be managed to mitigate sedimentation in sensitive watersheds should be removed or corrected for sedimentation problems in a cost effective manner."

This project is consistent with the recent Forest Service Travel Management Rule and the San Bernardino National Forest Land Management Plan, which states, "Over the planning period, the number of inventoried unclassified roads and trails are reduced, and the development and proliferation on new unclassified facilities is minimized." "OHV use is occurring on designated roads and trails only." Forest Land Management Plan monitoring protocols (Appendix D) also mandate the mitigation of off-route impacts when identified, and further require limiting use and/or closing areas where mitigation is unsuccessful. As many of the unauthorized routes are stemming from designated roads and trails, failure to restore and protect the habitat identified in this project could result in loss of legally designated OHV opportunity in nearby areas.

C. Size of Project Site

This project will provide for the physical restoration of approximately 15 miles of unauthorized OHV routes. Assuming an approximate average width of 50", the project will result in the physical restoration of approximately 8 acres of special status species habitat, protecting an additional several hundred acres.

D. Monitoring and Methodology

The attached HMP, as part of this application, describes the forest's protocol for restoration site monitoring. The included table, Restoration Monitoring Sites for Fiscal Year 2009 lists the forest's current restoration sites, all of which are monitored annually. Habitat and restoration monitoring is conducted by the forest's restoration team, primarily botanists and wildlife biologists, using a standardized Restoration Monitoring Form.

Restoration sites identified in this proposal, once implemented, will be added to the list of restoration sites to be monitored, and will be monitored annually per the protocol identified in the HMP. These sites will remain active on this list until the determination is made that restoration activities in the specified area have been fully successful, and additional site-specific monitoring is no longer needed. In addition to annual monitoring, the new restoration sites will also be monitored, weeded and maintained primarily by volunteers, as often as twice a month during the growing season until established, which typically takes two to three years.

Overall, success criteria can be defined by the following statements. Restoration activities will be deemed successful if:

- 1) user traffic stays within the defined tread of adjacent designated routes and no off-route impacts are identified within restoration sites, and
- 2) survival rate among plantings is high, and
- 3) natural vegetative recruitment appears to be successful.

E. List of Reports

F. Goals, Objectives and Methodology / Peer Reviews

G. Plan for Protection of Restored Area

Law Enforcement – The Ranger District has a Forest Protection Officer (FPO) assigned full-time to OHV patrol. This District FPO works closely with resource and restoration staff to stay informed of restoration activities and adjusts work schedule and location of patrol when necessary to prevent trespass and damage in newly restored areas. District FPOs work predominantly weekend schedules to provide greater presence during peak times of use. Resources staff who monitor the restoration projects are also FPO certified and enforce off-route travel, trespass and resource damage laws while in the field.

Site specific planning – Each specific route to be restored will have site specific analysis completed prior to ground disturbing activities. Surrounding areas will be surveyed for botanical, biological and cultural resources to ensure that no resources are negatively impacted during restoration activity. Routes will also be analyzed for 'likelihood of success', based on location, ease of disguise, potential for entrance barriers, etc. Only those routes deemed likely for success will be restored.

Barriers and traffic control devices – Fencing, identified in the project cost estimate, will be used in areas where slashing and disguising of restored routes is not likely to be effective. In areas where additional ground disturbance will not further damage resources, 'chunking' of the unauthorized trail tread will include the construction of berms or earthen mounds to disguise the restored route and prevent access into the restoration area.

Native plants and materials – This project will use seeds and native plant species provided by the forest nursery and greenhouse. Seeds will be collected from native species immediately surrounding the project area. Some of these seeds will be cultivated into mature plants for direct transplant into restored areas while others will be kept for dispersal in areas where soil has been loosened to promote 'natural' re-vegetation throughout the restoration area.

Educational signage – The project costs and deliverables describe up to 150 signs to be installed adjacent restoration sites.

These signs will include language stating, 'Closed to Motorized Travel Year-Round to Protect Wildlife Habitat Area. Your Cooperation Will Be Appreciated. For More Information, Contact the US Forest Service Ranger District.'

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1. Project-Specific Maps

Attachments:

[Circle Mountain Unauthorized Use Rev 5](#)

2. Project-Specific Photos

Attachments:

[Restoration Site at Circle Mountain](#)

[Restoration Site II](#)

[Restoration Site III](#)

[Illegal Trail at Circle Mountain](#)

[Illegal Trail on Ridge](#)

6/2/2009

	Line Item	Qty	Rate	UOM	Grant Request	Match	Total
DIRECT EXPENSES							
Program Expenses							

Project Cost Estimate for Grants and Cooperative Agreements Program - 2008/2009
Agency: USFS - San Bernardino National Forest
Application: San Bernardino NF Circle Mountain Restoration

6/2/2009

	Line Item	Qty	Rate	UOM	Grant Request	Match	Total
1	Staff						
	Other-Public Affairs Notes : Bierce - Public Affairs	10.000	271.000	DAY	2,710.00	0.00	2,710.00
	Archeologist Notes : Doan - Archaeologist	30.000	351.000	DAY	10,530.00	0.00	10,530.00
	Botanist Notes : Elliott -- Bot/Bio Tech	100.000	184.000	DAY	18,400.00	0.00	18,400.00
	Botanist Notes : Goss -- Bot/bio	40.000	126.000	DAY	5,040.00	0.00	5,040.00
	OHV Coordinator Notes : Hoffman - OHV Manager	5.000	274.000	DAY	1,370.00	0.00	1,370.00
	Ecologist Notes : Kopp - Project Director	3.000	392.000	DAY	1,176.00	0.00	1,176.00
	Recreation Planner Notes : Lyon - Rec Staff	5.000	311.000	DAY	1,555.00	0.00	1,555.00
	Other-OHV Technician Notes : Mason - OHV Staff	30.000	181.000	DAY	5,430.00	0.00	5,430.00
	Ecologist Notes : Meyer - Biologist	30.000	352.000	DAY	10,560.00	0.00	10,560.00
	Other-Bot/Bio Notes : Nelson	20.000	236.000	DAY	4,720.00	0.00	4,720.00
	Other-OHV Technician Notes : Pratt -- OHV Tech	15.000	196.000	DAY	2,940.00	0.00	2,940.00
	Botanist Notes : Scrivner - Bot/bio	30.000	265.000	DAY	7,950.00	0.00	7,950.00
	Botanist	60.000	156.000	DAY	9,360.00	0.00	9,360.00

Project Cost Estimate for Grants and Cooperative Agreements Program - 2008/2009
Agency: USFS - San Bernardino National Forest
Application: San Bernardino NF Circle Mountain Restoration

6/2/2009

	Line Item	Qty	Rate	UOM	Grant Request	Match	Total
	Notes : Setsuda - Bot/bio						
	Ecologist Notes : Stamer - Restoration biologist	40.000	305.000	DAY	12,200.00	0.00	12,200.00
	Other-Soils/Hydro Notes : Taylor - Soils	5.000	426.000	DAY	2,130.00	0.00	2,130.00
	Botanist Notes : Wyatt - Greenhouse	20.000	197.000	DAY	3,940.00	0.00	3,940.00
	Other-Volunteer Hours	2700.000	17.000	HRS	0.00	45,900.00	45,900.00
	Archeologist Notes : FC Arco	30.000	301.000	DAY	9,030.00	0.00	9,030.00
	Total for Staff				109,041.00	45,900.00	154,941.00
2	Contracts						
	Other-Enterprise Team Notes : Evans - Project Manager	15.000	700.000	DAY	10,500.00	0.00	10,500.00
3	Materials / Supplies						
	Signs	50.000	100.000	EA	5,000.00	0.00	5,000.00
	Steel Post	200.000	16.150	FT	3,230.00	0.00	3,230.00
	Other-Greenhouse supplies	2.000	1500.000	YR	3,000.00	0.00	3,000.00
	Rakes and Showels	2.000	500.000	YR	1,000.00	0.00	1,000.00
	Total for Materials / Supplies				12,230.00	0.00	12,230.00
4	Equipment Use Expenses						
	4x4 Vehicle	18.000	265.000	MOS	0.00	4,770.00	4,770.00
	Other-SWECO	3.000	665.000	MOS	0.00	1,995.00	1,995.00
	4x4 Vehicle	4500.000	0.370	MI	0.00	1,665.00	1,665.00

Project Cost Estimate for Grants and Cooperative Agreements Program - 2008/2009
Agency: USFS - San Bernardino National Forest
Application: San Bernardino NF Circle Mountain Restoration

6/2/2009

	Line Item	Qty	Rate	UOM	Grant Request	Match	Total
	Other-SWECO	50.000	18.870	HRS	0.00	944.00	944.00
	Equipment Rental	20.000	500.000	DAY	10,000.00	0.00	10,000.00
	Other-Kubota Tractor	4.000	380.000	MOS	0.00	1,520.00	1,520.00
	Other-Kubota Tractor	100.000	11.480	HRS	0.00	1,148.00	1,148.00
	Total for Equipment Use Expenses				10,000.00	12,042.00	22,042.00
5	Equipment Purchases						
6	Others						
7	Administrative Costs						
Total Program Expenses					141,771.00	57,942.00	199,713.00
TOTAL DIRECT EXPENSES					141,771.00	57,942.00	199,713.00
TOTAL EXPENDITURES					141,771.00	57,942.00	199,713.00

Project Cost Summary for Grants and Cooperative Agreements Program - 2008/2009
Agency: USFS - San Bernardino National Forest
Application: San Bernardino NF Circle Mountain Restoration

6/2/2009

	Line Item	Grant Request	Match	Total	Narrative
DIRECT EXPENSES					
Program Expenses					
1	Staff	109,041.00	45,900.00	154,941.00	
2	Contracts	10,500.00	0.00	10,500.00	
3	Materials / Supplies	12,230.00	0.00	12,230.00	
4	Equipment Use Expenses	10,000.00	12,042.00	22,042.00	
5	Equipment Purchases	0.00	0.00	0.00	
6	Others	0.00	0.00	0.00	
7	Administrative Costs	0.00	0.00	0.00	
Total Program Expenses		141,771.00	57,942.00	199,713.00	
TOTAL DIRECT EXPENSES		141,771.00	57,942.00	199,713.00	
TOTAL EXPENDITURES		141,771.00	57,942.00	199,713.00	

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ITEM 1 and ITEM 2

ITEM 1

- a. ITEM 1 - Has a CEQA Notice of Determination (NOD) been filed for the Project? ☐ Yes ☒ No
(Please select Yes or No)

ITEM 2

- b. ITEM 2 - Are the proposed activities a "Project" under CEQA Guidelines Section 15378? ☒ Yes ☐ No
(Please select Yes or No)
- c. The Application is requesting funds solely for personnel and support to enforce OHV laws and ensure public safety. These activities would not cause any physical impacts on the environment and are thus not a "Project" under CEQA. (Please select Yes or No) ☐ Yes ☒ No
- d. Other. Explain why proposed activities would not cause any physical impacts on the environment and are thus not a "Project" under CEQA. DO NOT complete ITEMS 3 – 9

ITEM 3 - Impact of this Project on Wetlands

Refer to Wildlife Habitat Protection Program (WHPP), Section I Introduction, for discussion regarding the Forest's efforts to provide OHV opportunity, protect TE&S species, and the effects of the OHV program on riparian areas. OHV program management activities, including restoration, are not creating adverse impacts to wetlands, navigable waters and/or sensitive habitats. Restoration activities are designed to improve adjacent riparian areas and TE&S habitat under guidance from the Forest Land Management Plan and consultation with the USFWS (when appropriate). Replacing barren soil (stemming from unauthorized routes) with aesthetically pleasing native vegetation provides forage and shelter for neighboring wildlife communities, reduces habitat fragmentation, and helps reduce erosion and sediment loading into adjacent watersheds. The area described in this project is home to four known and sixteen probable sensitive wildlife species, as well as four known and nine probable sensitive plant species. This restoration effort is designed to avoid any adverse effects on sensitive species and enhance habitat for them. The attached WHPP table 4 identifies adaptive management techniques implemented to protect TES species, while table 7 describes specific management actions implemented in response to monitoring results.

ITEM 4 - Cumulative Impacts of this Project

Refer to attached 'Decision Memo for Habitat Protection' for discussion on cumulative impacts. Restoration activities on the Forest, like trail maintenance activities, will be of 'limited size, duration, and degree of disturbance' and would provide for long term beneficial effects to neighboring wildlife communities. There will be no adverse effects associated with these restoration activities.

ITEM 5 - Soil Impacts

Refer to Soil Conservation Plan, as part of this application, for relevant discussion regarding the effects that OHV management activities are having and the measures being employed to protect soils on steep slopes. Ground disturbance associated with restoration is conducted in accordance with BMPs found in Water Quality Management for Forest System Lands in California, Best Management Practices, and also utilize guidelines in the technical paper "A Field Evaluation of the Use of Small Trail Tractors to Maintain and Construct OHV Trails on National Forests in California". Restoration staff work with a forest hydrologist and soil scientists to minimize soil loss during and following all restoration activities. Restoration efforts, including soil chunking, planting native vegetation, direct seeding and erosion waddling are designed to minimize erosion on steep slopes and to protect against the loss of highly erosive soils.

ITEM 6 - Damage to Scenic Resources

The Forest has four designated State Scenic Highways. OHV use is limited to a system of designated roads, trails and facilities, none of which is impacting the view shed of a State Scenic Highway. Activities describes specifically within this restoration application will repair and limit visible evidence of unauthorized OHV use. Any impact to scenic resources will be beneficial.

ITEM 7 - Hazardous Materials

Is the proposed Project Area located on a site included on any list compiled pursuant to Section 65962.5 of the California Government Code (hazardous materials)? (Please select Yes or No) ☐ Yes ☒ No

If YES, describe the location of the hazard relative to the Project site, the level of hazard and the measures to be taken to minimize or avoid the hazards.

ITEM 8 - Potential for Adverse Impacts to Historical or Cultural Resources

Would the proposed Project have potential for any substantial adverse impacts to historical or cultural resources? (Please select Yes or No) ☐ Yes ☒ No

If YES, describe the potential impacts and for any substantially adverse changes in the significance of historical or cultural resources and measures to be taken to minimize or avoid the impacts.

ITEM 9 - Indirect Significant Impacts

Restoration activities described in this application are focused on improving sensitive habitat which will improve the user experience by improving aesthetics of adjacent high use areas. Restoration activities, potentially causing temporary visitor use displacement, will be conducted during limited operating periods to avoid public inconvenience and will have little to no effect on authorized public use. These activities will have no long term effect on the designated OHV system of the forest. They will result in no new closures or restrictions, no new development or any other conditions which would redirect authorized use or cause off-site impacts. Increased patrol and monitoring of restoration sites identified herein should reduce unauthorized use in the vicinity of the project and further limit off-site impacts.

CEQA/NEPA Attachment

Attachments:

[Decision Memo for Habitat Protection](#)

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1. Project Cost Estimate - Q 1. (Auto populates from Cost Estimate)

1. As calculated on the Project Cost Estimate, the percentage of the Project costs covered by the Applicant is: 3

(Check the one most appropriate) (Please select one from list)

- ☐ 76% or more (10 points)
☐ 51% - 75% (5 points)
☒ 26% - 50% (3 points)
☐ 25% (Match minimum) (No points)

2. Natural and Cultural Resources - Q 2.

2. Natural and Cultural Resources - Failure to fund the Project will result in adverse impacts to: 16

(Check all that apply) (Please select applicable values)

- ☐ Domestic water supply (4 points)
☐ Archeological and historical resources identified in the California Register of Historical Resources or the Federal Register of Historic Places (3 points)
☒ Stream or other watercourse (3 points)
☒ Soils - Site actively eroding (2 points)
☒ Sensitive areas (e.g., wilderness, riparian, wetlands, ACEC) (2 point each, up to a maximum of 6) Enter number of sensitive habitats [2]
☒ Threatened and Endangered (T&E) listed species (2 point each, up to a maximum of 6) Enter number of T&E species [2]
☒ Other special-status species- Number of special-status species (1 point each, up to a maximum of 3) Enter number of special-status species [79]

Describe the type and severity of impacts that might occur relative to the checked item(s):

Several of the unauthorized routes in the project area are located within intermittent tributary streams of Cajon Canyon. (See attached project map.) Many others are located along ridgetops and fall lines, at unsustainable grades, and are experiencing substantial erosion, soil loss and sedimentation into these nearby washes. The project area also includes habitat for 2 known endangered species, and is home to 19 known sensitive plant and animal species. Continued degradation and proliferation of unauthorized routes in the area will cause damage to sensitive species habitat through excessive sedimentation, and may result in direct take of sensitive plant species through impacts from wheeled traffic and soil compaction. An existing spring and associated meadow are also being impacted, potentially threatening the only known wildlife water source in the area. The majority of this project lies within an Inventoried Roadless Area and in close proximity to the San Andreas Special Interest Area.

3. Reason for Project - Q 3.

3. Reason for the Project 4

(Check the one most appropriate) (Please select one from list)

- ☒ Protect special-status species or cultural site (4 points)
☐ Restore natural resource system damaged by OHV activity (4 points)
☐ OHV activity in a closed area (3 points)
☐ Alternative measures attempted, but failed (2 points)
☐ Management decision (1 point)
☐ Scientific and cultural studies (1 point)
☐ Planning efforts associated with Restoration (1 point)

Reference Document

Forest WHPP/HMP - Tables 1 and 2

Region 5 Sensitive Species, Table 2, Sensitive Wildlife Species on the San Bernardino National Forest

4. Measures to Ensure Success - Q 4.

4. Measures to ensure success –The Project makes use of the following elements to ensure successful implementation 10

(Check all that apply) Scoring: 2 points each (Please select applicable values)

- ☒ Site monitoring to prevent additional damage
- ☒ Construction of barriers and other traffic control devices
- ☒ Use of native plants and materials
- ☒ Incorporation of universally recognized 'Best Management Practices'
- ☒ Educational signage
- ☐ Identification of alternate OHV routes to ensure that OHV activities will not reoccur in restored area

Explain each item checked above:

The project will physically restore the impacted area through seeding and planting of native species vegetation. Steel pipe fencing will be used to direct users along designated routes and away from the restoration site. Signs will be installed to educate users about restoration activities.

The forest also implements best management practices (BMPs) from 'Water Quality Management for Forest System Lands in California, Best Management Practices', including the following:

BMP 2-26, Obliteration or Decommissioning of Roads

BMP 2-28, Surface Erosion Control at Facility Sites

BMP 4-7(b4, b5, b6), Water Quality Monitoring of OHV Use According to a Developed Plan

BMP 5-1, Soil Disturbing Treatments (limits of)

BMP 5-4, Revegetation of Surface Disturbed Areas

BMP 5-6, Soil Moisture Limitations for Mechanical Equipment Operations

After completion of the project, the site will be monitored monthly during the growing season, and added to the WHPP/HMP restoration monitoring program until deemed successful.

5. Publicly Reviewed Plan - Q 5.

5. Is there a publicly reviewed and adopted plan (e.g., wilderness designation, land management plans, route designation decisions) that supports the need for the Restoration Project? 5

(Check the one most appropriate) (Please select one from list)

- ☐ No (No points) ☒ Yes (5 points)

Identify plan

One of the 12 SBNF's Forest Plan goals is Goal 3.1- Provide for public use and natural resource protection.

The desired conditions for OHV use is:

Off-highway vehicle (OHV) systems provide a range of recreation opportunities, and challenges for OHV enthusiasts through the development of an integrated system of trails and low maintenance standard roads. OHV use is occurring on designated roads and trails only. High-use areas are managed within capacities in order to maintain the quality of experiences. Facilities that provide access to the OHV system are developed in conjunction with the development of the overall OHV system. Conflicts between OHV enthusiasts and other recreationists with private lands, and homeowners adjacent to national forest land and with resource issues are addressed and resolved in a timely manner. Resolutions are consistent with area objectives and management direction.

6. Primary Funding Source - Q 6.

6. Primary funding source for future operational costs associated with the Project will be: 5

(Check the one most appropriate) (Please select one from list)

- ☒ Applicant's operational budget (5 points)
- ☐ Volunteer support and/or donations (3 points)
- ☐ Other Grant funding (2 points)
- ☐ OHV Trust Funds (No points)

If 'Operational budget' is checked, list reference document(s):

Future short-term operational costs for the project are limited to routine monitoring and care of the site until such time as it is deemed successful. This monitoring will be conducted primarily by volunteers, under direction of the forest restoration program. Once the sites have been deemed successful, they will be added to the forest WHPP/HMP, and will be monitored annually by forest restoration staff. Annual monitoring is supported by a significant volunteer contribution, however, forest restoration staff lead this program, and are primarily funded through the forest's operational budget.

The forest's WorkPlan system identifies the staff and materials used in annual monitoring.

7. Public Input - Q 7.

7. The Project was developed with public input employing the following 2

(Check all that apply) Scoring: 1 point each, up to a maximum of 2 points (Please select applicable values)

- ☐ Meeting(s) with the general public to discuss Project (1 point)
- ☒ Conference call(s) with interested parties (1 point)
- ☒ Meeting(s) with stakeholders (1 point)

Explain each statement that was checked

Forest staff met with stakeholders, the San Bernardino National Forest OHV Leadership Group, on January 23, 2009 to discuss the upcoming grant cycle and to receive input from the group about perceived issues and public opinion of projects.

Forest staff participated in conference calls and informal meetings with representatives from Quail Unlimited, The California Deer Association and the SBNFA to discuss volunteer involvement in projects. The project will also be coordinated with the State of California Resources Agency to ensure compliance with the 2001 Roadless Rule.

8. Utilization of Partnerships - Q 8.

8. The Project will utilize partnerships to successfully accomplish the Project. The number of partner organizations that will participate in the Project are 4

(Check the one most appropriate) (Please select one from list)

- ☒ 4 or more (4 points)
- ☐ 2 to 3 (2 points)
- ☐ 1 (1 point)
- ☐ None (No points)

List partner organization(s):

San Bernardino National Forest Association
Quail Unlimited
Big Bear Green Thumbs
The California Deer Association
CalTrans

9. Scientific and Cultural Studies - Q 9.

9. Scientific and cultural studies will

(Check all that apply) (Please select applicable values)

- ☐ Determine appropriate Restoration techniques (2 points)
- ☐ Examine potential effects of OHV Recreation on natural or cultural resources (2 points)
- ☐ Examine methods to ensure success of Restoration efforts (1 point)
- ☐ Lead to direct management action (1 point)

Explain each item checked above

10. Underlying Problem - Q 10.

10. The underlying problem that resulted in the need for the Restoration Project has been effectively addressed and resolved 3

(Check the one most appropriate) (Please select one from list)

- ☐ No (No points) ☒ Yes (3 points)

Explain 'Yes' answer

The majority of the unauthorized routes in the project area have been developed over many years, during a time when the forest was unable to provide adequate law enforcement to prevent trespass in the area. The forest has recently added FPOs to each District, with primary responsibility for patrolling OHV use. Increased patrol has, and will continue to, reduce illegal use in the project area. Much of the trespass is also occurring across a shared boundary with the Angeles National Forest. The Angeles has recently initiated similar restoration activities in the area, which should reduce trespass across the boundary.

11. Size of sensitive habitats - Q 11.

11. Size of sensitive habitats (e.g., wilderness, riparian, wetlands, ACEC) within the Project Area which will be restored 3

(Check the one most appropriate) (Please select one from list)

- ☐ Greater than 10 acres (5 points)
☒ 1 – 10 acres (3 points)
☐ Less than 1 acre (1 points)
☐ No sensitive habitat within Project Area (No points)